

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	)	
	)	
Yoshiyuki SUDA	)	Examiner L. DONOVAN
	)	
Application Number: 09/788,443	)	Group Art Unit 2832
	)	
Filed: February 21, 2001	)	
	)	
Title: ELECTROMAGNET ASSEMBLY	)	
FOR ELECTROMAGNETIC	)	
APPARATUS	)	

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicant is submitting herewith copies of the references listed on the attached Form PTO-1449 (modified) for consideration and to be made of record herein by the U.S. Patent and Trademark Office (PTO) in the above-captioned patent application. The Institut National de la Propriete Industrielle cited these references in the French Search Report, mailed May 30, 2002, for the French counterpart to the above-captioned patent application.

Applicant respectfully requests that the Examiner consider these references and that the Examiner indicate that the enclosed references have been considered in this application by returning a copy of the form PTO-1449 with the Examiner's initials in the left column per MPEP 609.

In accordance with 37 C.F.R. § 1.97(c), Applicant believes that this Information Disclosure Statement is submitted after the issuance of a first Office Action on the merits, but prior to the issuance of a Notice of Allowance or final action in this application. Therefore, Applicant is enclosing a check in the amount of \$180 to cover the fee under 37 C.F.R. § 1.17(p) (Fee Code 126). However, in the event of any variance between the fees determined by

Applicant and those determined by the PTO, please charge any such variance to undersigned's  
Deposit Account No. 02-0375.

Dated: July 23, 2002

Baker Botts L.L.P.  
The Warner, Suite 1300  
1299 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004-2400  
(202) 639-7700 (telephone)  
(202) 639-7890 (facsimile)

JBA/TJC/dh  
Enclosures

Respectfully submitted,

BAKER BOTTS L.L.P.

By:

James B. Arpin

Registration No. 33,470





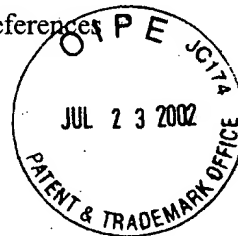
- ☐ PROVISIONAL  
☒ UTILITY  
☐ DESIGN

## PATENT

Application No.: 09/788,443      Date: July 23, 2002  
Client/Matter No.: 018842.1163      Client: Sanden Corp.  
Inventor(s): Yoshiyuki Suda      Atty/Sec.: SFP/JBA/sf  
Title: Electromagnet Assembly For Electromagnetic Apparatus

The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:

- ☒ Information Disclosure Statement with four (4) references  
☒ PTO 1449 Form  
☒ check # 6868 in the amount of \$180.00





FEE TRANSMITTAL  [BOX PATENT APPLICATION]		Complete If Known																																									
		Application No.		09/788,443																																							
		Filing Date		July 23, 2002																																							
		First Named Inventor		Yoshiyuki SUDA																																							
		Examiner Name		L. DONOVAN																																							
		Group Art Unit		2832																																							
Total Amount Of Payment (\$)		180.00		Attorney Docket No.																																							
				018842.1163																																							
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																									
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to <b>Deposit Account No. 02-0375</b> in the name of Baker Botts L.L.P.		3. <b>ADDITIONAL FEES</b>																																									
<input type="checkbox"/> Charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 to <b>Deposit Account No. 02-0375</b> .		<table border="1"><thead><tr><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td><input type="checkbox"/> Surcharge - late filing fee or oath</td><td>\$</td></tr><tr><td><input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet</td><td>\$</td></tr><tr><td><input type="checkbox"/> Extension for reply with _____ month</td><td>\$</td></tr><tr><td><input type="checkbox"/> Notice of Appeal</td><td>\$</td></tr><tr><td><input type="checkbox"/> Filing Brief in Support of Appeal</td><td>\$</td></tr><tr><td><input type="checkbox"/> Request for <i>Ex Parte</i> Reexamination</td><td>\$</td></tr><tr><td><input type="checkbox"/> Utility Issue Fee (or reissue)</td><td>\$</td></tr><tr><td><input type="checkbox"/> Design Issue Fee</td><td>\$</td></tr><tr><td><input type="checkbox"/> Plant Issue Fee</td><td>\$</td></tr><tr><td><input type="checkbox"/> Petitions to Commissioner</td><td>\$</td></tr><tr><td><input type="checkbox"/> Petition to Revive (unavoidable)</td><td>\$</td></tr><tr><td><input type="checkbox"/> Petition to Revive (unintentional)</td><td>\$</td></tr><tr><td><input type="checkbox"/> Petitions Related to Provisional Applications</td><td>\$</td></tr><tr><td><input checked="" type="checkbox"/> Submission of Information Disclosure Statement</td><td>\$ 180.00</td></tr><tr><td><input type="checkbox"/> Filing Submission After Final Rejection</td><td>\$</td></tr><tr><td><input type="checkbox"/> Recordation of Assignment Document</td><td>\$</td></tr><tr><td><input type="checkbox"/> Filing Request for Reexamination</td><td>\$</td></tr><tr><td><input type="checkbox"/> Other (specify) Advanced Patent Copies</td><td>\$</td></tr></tbody></table>				Fee Description	Fee Paid	<input type="checkbox"/> Surcharge - late filing fee or oath	\$	<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$	<input type="checkbox"/> Extension for reply with _____ month	\$	<input type="checkbox"/> Notice of Appeal	\$	<input type="checkbox"/> Filing Brief in Support of Appeal	\$	<input type="checkbox"/> Request for <i>Ex Parte</i> Reexamination	\$	<input type="checkbox"/> Utility Issue Fee (or reissue)	\$	<input type="checkbox"/> Design Issue Fee	\$	<input type="checkbox"/> Plant Issue Fee	\$	<input type="checkbox"/> Petitions to Commissioner	\$	<input type="checkbox"/> Petition to Revive (unavoidable)	\$	<input type="checkbox"/> Petition to Revive (unintentional)	\$	<input type="checkbox"/> Petitions Related to Provisional Applications	\$	<input checked="" type="checkbox"/> Submission of Information Disclosure Statement	\$ 180.00	<input type="checkbox"/> Filing Submission After Final Rejection	\$	<input type="checkbox"/> Recordation of Assignment Document	\$	<input type="checkbox"/> Filing Request for Reexamination	\$	<input type="checkbox"/> Other (specify) Advanced Patent Copies	\$
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2. <input checked="" type="checkbox"/> Check Enclosed. The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to <b>Deposit Account No. 02-0375</b> in the name of Baker Botts L.L.P., The Warner, Suite 1300, 1299 Pennsylvania Avenue, N.W., Washington, D.C. 20004-2400.																																											
FEE CALCULATION																																											
1. BASIC FILING FEE <input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity																																											
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2. EXTRA CLAIMS FEES																																											
CLAIMS AS AMENDED																																											
For	Number Present	Highest Number Paid For	Extra	Rate		Amount																																					
				Large Entity	Small Entity																																						
TOTAL CLAIMS		20	0	x \$ 18.00	x \$ 9.00	\$0.00																																					
INDEPENDENT CLAIMS		3	0	x \$ 84.00	x \$ 42.00	\$0.00																																					
MULTIPLE DEPENDENT CLAIMS				\$ 280.00	\$ 140.00	\$0.00																																					
TOTAL EXTRA CLAIMS FEES						\$0.00																																					
SUBMITTED BY				Complete (if applicable)																																							
Typed or Printed Name James B. Arpin				Registration No.		33,470																																					
Signature				Date		07/23/02																																					
				Deposit Account User ID		02-0375																																					



PATENT  
Attorney Docket No.: 018842.1163

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	)	
Yoshiyuki SUDA	)	Examiner: L. Donovan
Application Number: 09/788,443	)	Group Art Unit: 2832
Filed: February 21, 2001	)	
For: ELECTROMAGNET ASSEMBLY FOR	)	
ELECTROMAGNETIC APPARATUS	)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicant is submitting herewith a copy of the reference listed on the attached Form PTO-1449 (modified) and a copy of a copending patent application for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned patent application.

Applicant respectfully requests that the Examiner consider this listed reference and that the Examiner indicate that the listed reference has been considered in this application by returning a copy of the form PTO-1449 with the Examiner's initials in the left column per MPEP 609.

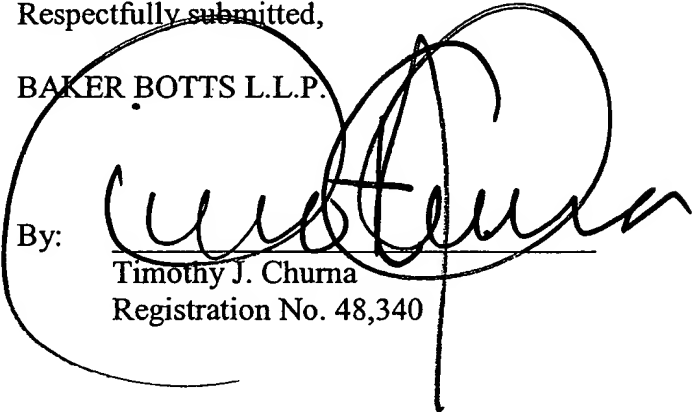
In accordance with 37 C.F.R. § 1.97(b), Applicant believes that this Information Disclosure Statement is submitted prior to issuance of a first Office Action on the merits. Therefore, no fees are believed due as a result of this submission. However, in the event of any

variance between the fees determined by Applicant and those determined by the PTO, please charge any such variance to undersigned's Deposit Account No. 02-0375.

Respectfully submitted,

BAKER BOTTS L.L.P.

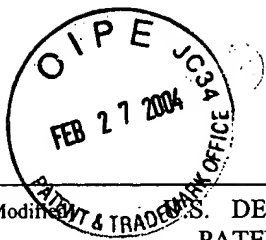
By:

  
Timothy J. Churna  
Registration No. 48,340

Dated: October 15, 2002

Baker Botts L.L.P.  
The Warner; Suite 1300  
1299 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004-2400  
(202) 639-7700 (telephone)  
(202) 639-7890 (facsimile)  
JBA/TJC/dh

Enclosures



FORM PTO-1449 (Modified) (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	APPLICATION NO.
		018842.1163	09/788,443
		APPLICANT Yoshiyuki Suda	
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)		FILING DATE	GROUP
		February 21, 2001	2832

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 1 8 1 3 9 3	1/1/80	Lill			
	4 4 1 9 5 3 6	12/6/83	Doyle <u>et al.</u>			
	4 4 2 9 3 5 8	1/31/84	Miyagi			
	4 5 5 7 5 4 4	12/10/85	Esser			
	4 6 2 3 7 5 4	11/18/86	Kikuchi <u>et al.</u>			
	4 9 3 5 7 1 3	6/19/90	Bekheet			
	5 1 3 8 2 9 3	8/11/92	Ishimaru			
	5 2 2 5 8 0 1	7/6/93	Ida <u>et al.</u>			
	5 3 0 7 0 3 8	4/26/94	Ishimaru			
	5 3 2 0 2 0 6	6/14/94	Maejima			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2 2 4 8 9 6 9	4/22/92	Great Britain				X
	08 2 4 7 1 7 1	9/24/96	Japan (with abstract)				X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.







- ☐ PROVISIONAL  
☒ UTILITY  
☒ DESIGN

# DOCKET

PATENT

Application No. 09/788,443 Date: July 17, 2001  
Client/Matter No. 018842.1163 Client: Sanden Corp.  
Inventor(s): Yoshiyuki Suda Atty/Sec: SFP/JBA/dh  
Title: Electromagnet Assembly For Electromagnetic Apparatus

The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:

- ☒ Fee Transmittal Sheet  
☒ Request for Continued Examination (RCE)  
☒ Information Disclosure Statement with sixteen (16) references  
☒ PTO-1449 Forms  
☒ Check No. 6941 in the amount of \$740.00





# FEE TRANSMITTAL

## [BOX PATENT APPLICATION]

Complete If Known

Application No.	09/788,443
Filing Date	July 23, 2002
First Named Inventor	Yoshiyuki SUDA
Examiner Name	L. DONOVAN
Group Art Unit	2832
Attorney Docket No.	018842.1163

Total Amount Of Payment (\$ ) 740.00

### METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to **Deposit Account No. 02-0375** in the name of Baker Botts L.L.P.

☐ Charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 to **Deposit Account No. 02-0375**.

2. ☒ Check Enclosed. The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to **Deposit Account No. 02-0375** in the name of Baker Botts L.L.P., The Warner, Suite 1300, 1299 Pennsylvania Avenue, N.W., Washington, D.C. 20004-2400.

### FEE CALCULATION

1. BASIC FILING FEE ☒ Large Entity ☐ Small Entity

	Fee Paid
Utility Filing Fee	\$
Design Filing Fee	\$
Plant Filing Fee	\$
Reissue Filing Fee	\$
Provisional Filing Fee	\$

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Fee Description	Fee Paid
<input type="checkbox"/> Surcharge - late filing fee or oath	\$
<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$
<input type="checkbox"/> Extension for reply with _____ month	\$
<input type="checkbox"/> Notice of Appeal	\$
<input type="checkbox"/> Filing Brief in Support of Appeal	\$
<input type="checkbox"/> Request for <i>Ex Parte</i> Reexamination	\$
<input type="checkbox"/> Utility Issue Fee (or reissue)	\$
<input type="checkbox"/> Design Issue Fee	\$
<input type="checkbox"/> Plant Issue Fee	\$
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<input type="checkbox"/> Petition to Revive (unavoidable)	\$
<input type="checkbox"/> Petition to Revive (unintentional)	\$
<input type="checkbox"/> Petitions Related to Provisional Applications	\$
<input type="checkbox"/> Submission of Information Disclosure Statement	\$
<input type="checkbox"/> Filing Submission After Final Rejection	\$
<input type="checkbox"/> Recordation of Assignment Document	\$
<input type="checkbox"/> Filing Request for Reexamination	\$
<input checked="" type="checkbox"/> Other (specify) Request for continued Examination (RCE) Transmittal	\$ 740.00

### 2. EXTRA CLAIMS FEES

#### CLAIMS AS AMENDED

For	Number Present	Highest Number Paid For	Extra	Rate		Amount
				Large Entity	Small Entity	
TOTAL CLAIMS		20	0	x \$ 18.00	x \$ 9.00	\$0.00
INDEPENDENT CLAIMS		3	0	x \$ 84.00	x \$ 42.00	\$0.00
MULTIPLE DEPENDENT CLAIMS				\$ 280.00	\$ 140.00	\$0.00
TOTAL EXTRA CLAIMS FEES						\$0.00

#### SUBMITTED BY

Typed or Printed Name Timothy J. Chana

Signature

Date 10/15/02

Complete (if applicable)

Registration No. 48,340

Deposit Account User ID 02-0375

[illegible]

FORM PTO-1449 (Modified)  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

APPLICATION NO.

018842.1163

09/788,443

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

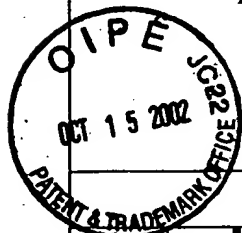
Yoshiyuki Suda

FILING DATE

February 21, 2001

GROUP

2832



## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LD	4 1 8 1 3 9 3	1/1/80	Lill			
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
LD	2 2 4 8 9 6 9	4/22/92	Great Britain				X
LD	08 2 4 7 1 7 1	9/24/96	Japan (with abstract)				X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER

DONOVAN

DATE CONSIDERED

12-08-02

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.